

ABSTRACT OF THE DISCLOSURE

SOFTWARE PACKAGE VERIFICATION

5 A software package verification tool enables verifying a software package that includes at least one software component. The tool includes at least one test module defining a test of at least one parameter of a software component of the package. It also includes a control module operable to access a framework that identifies each test module and to cause at least one test module to perform the test defined thereby for

10 verifying the package. The framework, within which individual test modules may be added or deleted as required, provides a flexible test structure for software packages. Typically, the framework identifies a plurality of test modules for verifying the correctness of a particular software package. In such a case, the framework can identify a priority for each test module for effecting an ordering of the tests. This

15 enables the performance of the tests to be efficient, avoiding, for example, unnecessary tests that are redundant if the software package fails a more fundamental test.